



# The Gazette of India

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Separate paging is given to this Part in order that it may be filed as a separate compilation.

## PART II—SECTION 1

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 14th February 1948

#### SPECIAL NOTICE

In continuation of the Special Notice (1) which appeared with this office Weekly Notifications dated the 25th October 1947, published in Part II, Section I, of the Gazette of India dated the 1st November 1947, it is hereby notified for general information that restrictions imposed under the Defence of India Rules, 1939, on taking proceedings under the Indian Patents and Designs Act, 1911, have been removed in respect of the following countries :—

Hungary.

Roumania, and

Bulgaria.

#### Applications for Patents

*Titles have been abridged*

18th October 1943

30109. J. H. O. Harries. Construction and assembly of electron discharge tubes. (23rd September 1940).

29th November 1943

30238. The General Electric Company Limited. Heat-resistant alloys. (13th April 1942).

7th May, 1945.

32494. Therapeutic Research Corporation of Great Britain Limited. Preparation of oxazolone compounds. (11th April 1944).

From 29th January to 4th February, 1948.

39043. The British Thomson-Houston Company Limited. Electric converter systems. (9th February 1939).

39044. I. Chaeko. Device to indicate freight and other like charges.

39045. D. N. Chand. Recovery of sulphur or sulphur product from gypsum.

39046. The Steed Company of Australia Proprietary Limited. Cast wheels of rolling stock. (17th February 1947).

39047. Dorman & Smith Limited. Shutter device for electric socket apparatus. (10th September 1947).

39048. The Wessex Aircraft Engineering Company Limited. Dispersion or dissemination of insecticides, fungicides, weed-killers and the like.

39049. J. B. Llewellyn. Transporters.

39050. The General Electric Company Limited. Thermionic relaxation circuits. (25th February 1947).

39051. H. Behera. Reinforced ligniform articles. [Addition to No. 32419].

39052. N. V. Philips' Gloeilampenfabrieken. Electric discharge tubes for amplifying or generating electric oscillations of very high frequency.

39053. R. C. Taylor. Reamers. (31st January 1947).

39054. Powers Jets (Research & Development) Limited. Internal combustion turbines and the like. (19th December 1939). [Divisional date, November 28, 1945.]

39055. J. Roy. Cooker.

39056. Beyer, Peacock and Company Limited and J. Hadfield. Articulated locomotives and like vehicles. (18th April 1947).

39057. Koppers Company, Inc. Coking expanding coals.

39058. A. Frokjaer-Jensen. Methods of Producing materials of cellular structure suitable for insulating purposes, by burning clays or similar silicates in a rotary kiln.

39059. A. Frokjaer-Jensen. Reinforcing steel and a method for the production of the same.

39060. E. J. Smedegaard. Reinforced concrete structures and concrete bars therefor.
39061. David Keay & Leslie Limited and A. Beattie. Spindles of spinning, roving and like textile frames.
39062. Philips Electrical Limited. Production of piezo-electric materials.
39063. Stewarts and Lloyds Limited. **Built-up** poles and the like. (31st January 1947).
39064. P. M. Mehta. Candle lamp for bicycles and like vehicles.
39065. Union Oil Company of California. Separating wax from oil.
39066. The Package Sealing Co., Ltd. Percussion tools. (16th January 1946).
39067. British Industrial Plastics, Limited. Lamine surface compositions. (20th November 1947).
39068. R. L. Kar. Three in one utility treatment bag with necessary attachments suitable for Ice, Hot Water, male and female internal washing tubes.
39069. S. A. Trivedi. Lowering the hemicellulose content of chemical pulps in the preparation of high alpha cellulose pulps for use in paper, rayon, acetate silk, plastics etc.
39070. British Insulated Callender's Cables Limited. Application of coatings of enamel and other material to rectangular wire.
39071. M. Fayolle dit M. Fayolle. Electric control system for circular looms. (10th February 1947).
39072. H. Behera. Spinning device.
39073. Sponcel Limited. Solid artificial sponges and method of manufacturing same.
39074. Standard Telephones and Cables Limited. Electric current rectifiers. (7th March 1947).
39075. Standard Telephones and Cables Limited. Automatic level control arrangements in carrier current communication systems. (26th February 1947).
39076. L. Lempert. Displaying articles and facilitating selective removal thereof.
39077. Koninklijke Industriële Maatschappij Voorheen Noury & Van Der Lande N. V. Chlorination of organic compounds.
39078. The General Electric Company Limited. Lighting fittings. (5th February 1947).
39079. B. R. Naik, and G. N. Pardeshi. Hindvijay pump.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian

Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

31116. The General Electric Company Limited. Improvements in electrical apparatus adapted to operate at very high frequencies. (26th August 1941).

*Comprising a pair of concentric lines fed by separate side lines, open at one end and closed at the other facing each other and relatively rotatable.*

31631. Birmingham Electric Furnaces Limited, A. G. E. Robiette and P. F. Hancock. A new or improved austenitic cast iron. (20th October 1943).

*Cast iron casting in which manganese is the principal alloying element is subjected to an annealing treatment.*

31830. Birmingham Electric Furnaces Limited and A. G. E. Robiette. A new or improved method of heat treating iron or iron alloy castings. (22nd November 1943).

*Heating the metal or alloy in a furnace, circulating the products of oxidation and recondition the said products by the addition of air or oxygen.*

33244. Imperial Chemical Industries Limited. Improvements in textile printing.

*Treating the portion to be discharged on a fabric, which is colored by a azo dyestuff, with free acid or salt of 4:4 ft. (dibenzoylamino)-stilbene-2:2 ft. disulphonic acid.*

33245. Imperial Chemical Industries Limited. Improvements in textile printing. (Addition to No. 33244).

*Treating the resist paste portion with 4:4 ft.-di(Benzoyl)-stilbene-2:2 ft. disulphonic acid of a fabric and then applying dye-stuff.*

33577. Therapeutic Research Corporation of Great Britain Limited. Improvements in and relating to the production of penicillamine. (10th November 1944).

*1-N-formyl-isopropylidenepenitillamine is racemized by heating to a temperature in excess of 60°C with a acylating or halogenating agent,*

34325. H. Womersley and J. K. Womersley. Improvements relating to woodworking machines.

*Means are provided for driving rotary cutter and feed roller on the same direction as that of traverse of a workpiece.*

34566. J. T. Randall, II. A. R. H. Boot and C. S. Wright. Improvements in high frequency electrical oscillators. (22nd August 1940).

*Of the type using magnetrons having hollow resonators.*

34664. S. E. Worby. Improvements in or relating to tools for measuring and setting out angles.

*A bar adjustably tilted about one bearing by a telescoping pillar.*

35023. American Cyanamid Company. Improvements relating to the preparation of substituted *N*-(aromatic (b) pyrazylmethyl) aminophenyl compounds and intermediates thereof.

*Reacting an *N*-(aromatic-(b)-pyrazylmethyl) compound with a substituted anilene.*

35081. The Mathieson Alkali Works. Apparatus for steaming textiles.

*Steamers for textiles having steam chamber, conveyors, accordion folds, and guide rolls.*

35159. British Tricolour Processes Limited. Improvements in or relating to multi-layer photographic material.

*Interposed regenerated cellulose layer united to underlying emulsion layer by hydrophilic polyvinyl compound bond.*

85211. Standard Telephones and Cables Limited. Improvements relating to pulse modulated transmission systems. (7th August 1942).

*Duration of the pulses before transmission is shortened.*

35225. The General Electric Company Limited. Improvements in and relating to lighting fittings. (18th April 1945).

*Prisms having optically operative incident faces fitted within a bowl.*

85246. The Sharples Corporation. Improvements in or relating to the manufacture of soap. (13th May 1940).

*Passing fat and saponifying reagent through mixer and centrifugally separating aqueous phases from soap containing mixture.*

85270. S. W. Schubert. Improvements in or relating to book matches.

*Book match from a cardboard piece comprises two or more parts to form series of match strips, such parts being folded to the between uncut parts forming protective cover members.*

35316. The M-O Valve Company Limited. Improvements in and relating to thermionic valves. (3rd August 1945).

*Grid electrode coated with a paint comprising finely-divided magnesium in a binder which is decomposed by heating the grid to leave magnesium behind.*

85327. A. K. Shaha. Improvement in cupola for melting iron.

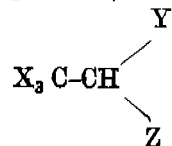
*A recuperator, a door with adjustable holes, valves, and a storage tank incorporated in a cupola.*

35362. Power Jets (Research & Development) Limited. Improvements in and relating to jet reaction devices. (21st July 1945).

*A pair of pivotally mounted jaw members so shaped and having their pivotal connections so disposed that in non-spooling position they fit round the end region of the jet pipe and in the spooling position they form baffles to deflect the jet issuing from the nozzle.*

35429. J. R. Geigy A.-G. Improvements in agents for combatting vermin and in the protection of goods and fabrics from impertation by them. (5th April 1946).

*Comprising polyhalogen substituted hydroaromatic compound and a compound of the formula.*



35486. Standard Telephones and Cables Limited. Electric pulse discriminator.

*Discriminating incoming pulse signals according to a given ratio between the width and the recurrence rate.*

35502. Newton, Lansdowne & Company, Limited. Improved loc. (20th August 1945).

*Sliding bolt is set manually in the locked position from which it is released by the insertion of a key.*

35556. T. O. Wentworth. Improvements in or relating to the production of alcohol.

*Single azeotropic distillation with ethyl alcohol as the entraining agent.*

35567. S. Siddiqui, A. V. Subbaratnam and V. Sharma. Improvements in or relating to anti-oxidants for pyrethrum preparations.

*Adding to pyrethrum any of the following substances: Bhilawanol, sulphonated bhilawanol or sulphonated bhilawan shell liquid.*

35578. Eli Lilly and Company. Improvements in or relating to the production of penicillin.

*Growing penicillium mold in a culture medium in the presence of phenyl-acetamide.*

35611. The M-O Valve Company Limited. Improvements in and relating to electron multipliers.  
*Of the type comprising within a sealed envelope a primary thermionic cathode, one or more secondary electron emitting cathodes and an anode, one or more cathodes being electrically connected to a metal plate sealed through the envelope.*
35757. Western Electric Company, Incorporated. Signal translating devices such as carbon granull telephone transmitters. (3rd October 1944).  
*Including a pair of electrodes and a part supporting one electrode is designed and constructed of such material, that the effect of contraction or expansion with temperature variations upon electrode spacings is negligible.*
35790. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to electric low pressure mercury vapour discharge tubes.  
*Tube and its series impedance is so proportioned that the current density of the discharge exceeds 60 mAmps/cm<sup>2</sup>.*
35800. Lock Joint Pipe Company. Method and apparatus for lining pipe. (13th November 1945).  
*Hollow jacket with a runner ring at each end carries end rings for engaging ends of a cylinder to be lined, a girth ring encircling the hollow cylinder and means carried by the jacket for steadying the hollow cylinder during rotation.*
35803. American Cyanamid Company. Improvements in or relating to the preparation of melamine. (26th October 1945).  
*Heating ammonia and a melamine forming substance at a temperature such that melamine is formed and converted into vapor phase.*
35860. E. Ronne. Improvement in apparatus for preheating slurry.  
*A compartment containing heat-exchanging bodies is arranged diametrically across a tubular shell with its permeable walls extending axially.*
35978. H. E. Curry. Atomizer.  
*Container having inlet and outlet passages is fitted with a unitary structure containing a capillary tube, a baffle, a cap and an air inlet.*
35985. Standard Telephones and Cables Limited. Improvements in or relating to electric cables. (29th October 1945).  
*Conductor cores laid between arms of a member radiating from the centre.*
36011. H. Hurst and J. H. Schulman. Improvements in insecticidal preparations. (21st March 1946).  
*Oil-in-water emulsion containing a water soluble emulsifying agent and containing D.D.T. or the like.*
36068. Standard Telephones and Cables Limited. Improvements in or relating to electric dry rectifiers. (9th November 1945).  
*Electrical discharge of the counter electrode material causes electroforming of the rectifier element.*
36120. M. Sebba. Improvements in or relating to locks for doors or like purposes. (14th November 1945).  
*Characterised by the provision of a pivotally mounted locking lever, engageable at one end with a co-acting recess shoulder on the locking or latch bolt and being held in its in-operative position by a projection thereon which is resiliently held in contact with the peripheral edges of a pack of rotatable and fixed key discs.*
36123. R. Grunwald. Locking means for cycles and like vehicles. (9th August 1945).  
*Housing for lock body consisting of a permutation lock mounted on a pin with a longitudinal slot, the upper surface of the housing having recess and a cap secured to the housing by screws passing up from the inside of the housing.*
36131. B. T. L. Products Limited. Hand tool for driving nails, tacks or the like. (16th November 1945).  
*Comprising a reciprocable hammer, with magnetic driving head, a magazine for the nails and means for conveying the latter from the magazine into the vicinity of the said magnetic head of the hammer.*
36168. H. V. Kohorn. Artificial filaments and method of making the same.  
*Subjecting regenerated filaments to a high-frequency electric field.*
36193. Standard Telephones and Cables Limited. Improvements in or relating to the manufacture of magnetic bodies from compressed powdered materials. (23rd November 1945).  
*Insulated from one another by a plurality of separately applied layers of insulation, the outermost layer of insulation being a ceramic material.*
36237. D. Rowley, II, Steiner and E. Zimkin. Improvements in or relating to solvent extraction of penicillin.  
*Solvent extraction of penicillin wherein the solvent or solvents belong to the class consisting of alicyclic ketones or alicyclic esters or of a class combining the characteristics of both.*
36288. M. Zell. Improvements in or relating to ash-trays and a combined lamp holder and ash tray for cigarettes and the like.  
*The upper edge of the ash receptacle is surrounded by a trap to catch the cigarette should it fall from its resting place.*

36329. The General Electric Company Limited. Improvements in clutches. (24th January 1945).  
*Two relatively rotatable elements, one having a ring of teeth and the other including a tooth on a lever pivotally movable in the plane of the axis of rotation and also rockable in a plane of its pivot axis.*
36330. Taylor-Ball Developments Limited. Improvements in or relating to toggle actuated hand appliances. (6th March 1944).  
*Comprises a pivoted jaw and a stationary jaw connected by a hinge pin adjustably mounted on the stationary jaw.*
36439. J. Lamb and The Board of The Tea Research Institute of Ceylon. Improvements in the method of manufacturing black tea.  
*Reducing green leaf to a pulp, fermenting and drying the said pulp.*
36450. Standard Telephones and Cables Limited. Multiplex system. (Addition to No. 36280).  
*Producing a pulse having vertically disposed portions of different widths and time modulating leading edge with one signal and trailing edge with another signal.*
36453. F. N. F. Limited. Improvements relating to tension bars for warp knitting machines and other textile machinery. (12th July 1941).  
*Including a resilient cantilever portion extending between a comparatively rigid support and a lightsmooth rail.*
36456. Waldorf Paper Products Co. Carton blank and carton formed therefrom.  
*Comprising foldably connected wall panels to a bottom panel end and projecting flaps and having a liner sheet attached thereto designed to form a liquid tight tray and combining the liner to within the outer confines of the carton blank.*
36841. The Firth Company Limited and P. E. Semler. Improvements in or relating to electrical installations and supply systems therefor.  
*Peak demands in system reduced by automatically switching on or off a balancing load.*
36994. Research Corporation of South Africa (Proprietary) Limited. Improvements in coagulating rubber from latex.  
*Passing an alternating current through latex or juice and thereafter superimposing a direct current upon the said alternating current.*
37012. F. Chand. Liquid raising device.  
*Main driving shaft, operates two ropes each carrying a bracket at its one end the ropes being wound on drums mounted on an intermediate driving shaft driven by the main shaft and rope being wound oppositely to the other, and a windless.*
37189. T. N. Pandya. A machine for cutting dough for making vermacelli and the like or for like purposes such as cutting strips of paper.  
*Comprising a pair of cutting rollers mounted within two end brackets, and a hopper for feeding dough.*
37459. May & Baker Limited. Processes for reducing the viscosity of or for liquefying mucus and preparations for use therein.  
*A preparation containing hydrogen donors and hydrogen acceptors.*
37526. Mentmore Manufacturing Co. Limited. Improvements in or relating to fountain pens. (11th June 1946).  
*Having a longitudinal slot extending from rear end to front end and two capillary grooves at the bottom of the slot and spaced apart to form ink passage.*
37558. Radio Corporation of America. Radio pulse transmitter.  
*Low power radio frequency pulses are amplified to pulses of high power, each pulse consisting of rectangular pulses recurring at said radio frequency and passed through a wave shaping passive filter to antenna.*
37610. James Howden & Company Limited. Improvements in or relating to compressors or motors of the helical lobe rotor type.  
*Aerofoil-shaped nose members at the inlet ends of the lobes.*
37709. A. P. Mallik. Improvements relating to filing cabinets and the like.  
*Comprises a plurality of movable sections each being swingable about a pivot near the lower front edge of the cabinet.*
37755. Standard Telephones and Cables Limited. Correction of the impedance of input/output transformers of a negative feedback amplifier.  
*Provided with a balancing network for the ideal transformer, a second impedance being added to compensate the transformer characteristics.*
37791. Beetle Elliott Plastics (Proprietary) Limited. Improvements in thermosetting moulding compositions. (30th August 1946).  
*Comprises a mixture of one or more thermosetting resins and powdered shales.*
37809. R. Gitachari. A process for the manufacture of activated carbon.  
*Powdery vegetable materials are charred with a common salt coating on boiled in dilute alkali solution and finally dried and powdered.*
37818. Fidelity Engineering Company Limited. Improvements in and relating to mechanism for producing non-uniform movements of predetermined character. (8th November 1945).  
*A worm is rotated and simultaneously reciprocated axially to impart non-uniform movement to a worm-wheel.*

37825. Latex Industries Limited. Improvements in or relating to the production of hollow rubber articles by dipping. (11th July 1946).

*Attaching the formers to a conveyor band and moving over a bath of film forming liquid until each former is completely immersed and finally passing through a heating zone.*

37869. American Cyanamid Company. Improvements in or relating to colloidal aqueous resinous dispersions and method of preparing same. (Addition to No. 29724).

*An aqueous dispersion of copolymer of melamine, urea and/or thiourca and formaldehyde is acidified and aged.*

37883. Joshua Bigwood & Son, Limited. Improvements in machines for straightening rolled sections or other elements.

*Roll carrying shafts are supported in spaced housings, one of which is movably mounted with means to cause movement parallel to shaft axes to facilitate roll changing.*

38146. J. Neumann and R. Neumann. Improvements in or relating to buttons.

*A shaft fitted into a hollow sleeve and locked by rivets or pins passing through corresponding holes.*

#### Opposition Proceedings

(1)

Opposition entered by Interchemical Corporation to the grant of a patent on application No. 29173 made by Imperial Chemical Industries Limited as notified in Part II Section I of the Gazette of India, dated the 2nd August 1947 has been allowed. The grant of a patent has been refused.

(2)

Opposition entered by The Reliable Water Supply Service of India Limited to the grant of a patent on application No. 31962 as notified in Part II Section I of the Gazette of India dated 22nd June 1946, has been allowed in part. The sealing of the patent will be subject to the amendment of the specification.

#### Patents Sealed

30724. 31439. 31941. 31964. 32033. 32550. 32717. 32719. 32792. 32845. 32853. 32903. 32904. 33005. 33041. 33068. 33094. 33100. 33106. 33133. 33154. 33187. 33263. 33281. 33339. 33353. 33360. 33367. 33385. 33386. 33401. 33402. 33406. 33414. 33506. 33575. 33622. 33684. 33715. 33833. 33864. 33881. 34011. 34045. 34058. 34060. 34062. 34064. 34095. 34200. 34335. 34480. 34659. 34759. 34761. 34763. 34886. 34952. 34970. 34979. 35038. 35071. 35085. 35136. 35138. 35139. 35189. 35219. 35229. 35266. 35372. 35399. 35403. 35561. 35708. 35938. 35970. 35983. 35984. 36043. 36283.

#### Renewal Fees Paid

18344. 20747. 20869. 20870. 20871. 20887. 22616. 22617. 22896. 23780. 23859. 23957. 24221. 24907. 25031. 25080. 25147. 25824. 26135. 26190. 26205. 26225. 26237. 26238. 26268. 26305. 26306. 26307. 26309. 26395. 26423. 26669. 27214. 27228. 27240. 27302. 27323. 27324. 27346. 27988. 28452. 28477. 28643. 28775. 28778. 29485. 29547. 29579. 29785. 30111. 30465. 30491. 30559. 30571. 30573. 30594. 30672. 30717. 30718. 30724. 30738. 30739. 30757. 30761. 30845. 30908. 30919. 30954. 30992. 31012. 31218. 31887. 31940. 31941. 32463. 33314. 33753. 34659.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration, except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs included in that entry.

Class 1 No. 70113. Hari Krishan Khanna, Prop. The Philco Trading Company, Amritsar, Nationality Hindu, Iron, February 11, 1947.

Class 1 No. 70411. Kwikform Limited, a British Company of 67, Whitmore Road, Small Heath, Birmingham 10, in the County of Warwick, England, a Hacking Tool made of Metal, December 17, 1947.

Class 3 No. 70404. Slangers Limited, a British Company, of 18, Elmers Gardens, Edgware, Middlesex, England, a Garment Hanger made of synthetic resin or other solid substances not included in other classes, or of materials in which such substances predominate, December 8, 1947.

Class 13 Nos. 70397 and 70398. Messrs. The Indian Bleaching Dyeing & Printing Works, Ltd., 29, Rustom Building, Churchgate Street, Fort Bombay, Textile goods, November 29, 1947.

Class 13 No. 70399. The Century Spg. & Mfg. Co., Ltd., Queens Mansions, Prescott Road, Fort, Bombay 1, Textile goods, December 5, 1947.

Class 13 No. 70405. Messrs. The Indian Bleaching, Dyeing & Printing Works Ltd., 29, Rustom Building, Churchgate, Street, Fort, Bombay, Textile goods, December 11 1947.

Class 13 Nos. 70413 and 70414. The Swadeshi Mills Co. Ltd., Bombay House, Bruce Street, Fort, Bombay, textile goods, December 18, 1947.

Copyright extended for a second period of five years

Design Nos. 68151 and 68155. Class 1.

Copyright extended for a third period of five years

Design No. 63063 Class 13.

*Calcutta, the 21st February 1948*

**Applications for Patents**

*Titles have been abridged*

*5th February, 1944*

30496. Imperial Chemical Industries Limited.  
Containers for liquid fuels.

*19th February 1944*

30558. Imperial Chemical Industries Limited.  
Vulcanisation of polymeric materials.

*27th March 1945*

32269. Imperial Chemical Industries Limited.  
Plastic detonating compositions.

*From 5th February to 11th February 1948*

39080. Weymouth Radio Manufacturing Company Limited. Tuning radio receiving apparatus. (12th November 1946).

39081. I. C. Panchal. Handcuff safe.

39082. American Viscose Corporation. Forming granulated synthetic resin compositions and products so produced. (20th June 1945).

39083. American Viscose Corporation. Aminoplast molding powder. (19th September, 1945).

39084. Ciba Limited. Imidazolines. (7th February 1947).

39085. The International Electronics Company. Magnetically recording intelligence.

39086. The Firestone Tire & Rubber Company. Tap fittings particularly for beverage containers.

39087. W. Wiseman and H. Weissmann. Security boxes.

39088. Zbrojovka Brno Narodni Pondik (Brno Arms Factory, National Corporation), V. Werner and K. Kubelka. Automatic weaving loom. (5th December 1947). (Addition to No. 38559.)

39089. N. V. Phillips' Gloeilampenfabrieken. Piston engines comprising two or more cylinders.

39090. The Standard Motor Company Limited. Synchronizing device of a change-speed mechanism. (12th August 1947).

39091. Armstrong Siddeley Motors Limited. Bladed turbine disc. (2nd April 1947).

39092. H. Lehmann. Pourers.

39093. Standard Telephones and Cables Limited. Semi-automatic telephone systems.

39094. Standard Telephones and Cables Limited. Main distributing frame in telecommunication exchange systems.

39095. Standard Telephones and Cables Limited. Automatic switching systems.

39096. S. Vimuktananda. Automatic warping machine.

39097. S. Vimuktananda. Automatic loom.

39098. S. Vimuktananda. Automatic bobbin winding machine.

39099. S. Vimuktananda. Automatic pirn winding machine.

39100. S. Vimuktananda. Automatic yarn sizing machine.

39101. Philips Electrical Limited. Thermal electric switches.

39102. AB Wicanders Korkfabriker. Blanks for caps and similar bottle seals.

39103. AB Wicanders Korkfabriker. Device for filling and emptying tubular magazines.

39104. N. H. Taylor. Preparation of asphalt paving materials. (6th February 1947).

39105. Societe De Produits Chimiques Des Terres Rares. Bringing monazite into solution.

39106. Heenan & Froude Limited. Toothed pole rings for dynamoelectric machines.

39107. J. A. Crabtree & Co., Limited. Multipole electric switches. (5th February, 1947).

39108. W. Sullivan. Adaptor for use when filling the tubes of vehicle tyres with liquid. (1st September 1947).

39109. W. J. Streader. Liquid-operated presses.

39110. A. Helin. Spades, shovels, forks and the like tools.

39111. Imperial Chemical Industries Limited. Moulding compositions. (10th March 1947).

39112. William R. Warner & Co., Inc. Production of injectable therapeutic compositions. (10th February 1947).

39113. Aktiebolaget Atvidabergs Industrier. Adding, accounting and similar machines.

39114. N. V. Machinefabriek Reineveld. Heating or cooling a metal wall.

39115. A. W. M. Van Hees, Jr. and A. W. A. Van Hees. Bearings of pedals, wheels, crankshafts, etc., for bicycles, perambulators and the like.

39116. F. Mascarenhas. Keys for securing permanent-way rails to their rail chairs.

39117. R. K. Kahar. Grinding machine.

39118. B. R. Muninagappa. Textile spindle.

39119. K. S. Kuka. Magnetic hoist controllers for travelling cranes.

39120. K. S. Kuka. Electrically operated overhead travelling cranes.

39121. The Marcelle Fleischmann Foundation, Inc. Pharmaceutical preparations and method of making same.

39122. The Marcelle Fleischmann Foundation, Inc. Pharmaceutical preparations and method of making same.

39123. Pyridium Corporation. 2-Tertiary-amino pyrimidines and processes for preparing them.

39124. C. G. Strandlund. Architectural panel construction.

39125. W. J. Streader. Attaching connections to stranded cables.

39126. O. A. C. V. Myhre. Nibbling machines for cutting sheet material. (4th December 1947).
39127. Woodall-Duckham (1920), Limited. Operating mechanism for the doors of furnaces, coke-ovens and the like. (20th November 1946).
39128. A. J. U. Bull and The East African Industrial Management Board (Inc.) Production of insecticides.
39129. Standard Oil Development Company. Hydrocarbon synthesis. (Addition to No. 37846).
39130. Isoleringsaktiebolaget WMB. Cold storage rooms or the like.
39131. D. Dewar and McLeod & Company Limited. Tea breaking machines.
39132. Dr. S. K. Sarkar. Sanitary privy.
39133. The British Drug Houses Limited. Glycidolamine condensation products. (12th February 1947).
39134. The British Drug Houses Limited. Production of ethers.
39135. John Sargrove Limited and J. A. Sargrove. Electric resistances. (19th February 1947).
39136. Auto-Bookstalls Limited. Coin freed vending apparatus. (21st March 1947).
39137. Burndept Limited. Dry batteries. (14th February 1947).
39138. A. Brach. Sterilization and preservation of foodstuffs and drugs.
39139. Horstmann Clifford Magnetics Limited and C. F. Clifford. Escapement mechanism. (12th February 1947).
39140. The General Electric Company Limited. Infra-red electric heating apparatus. (24th October 1946).
39141. The General Electric Company Limited. Lighting fittings. (1st January 1947).
39142. The Firestone Tire & Rubber Company. Pneumatic tires.

#### Application Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment

of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

32767. Anglo-Iranian Oil Company Limited. Improvements relating to the production of branched chain alkanes. (28th March 1942).

*Purifying in feed stock prior to isomensation by treating with anhydrous metallic halide between 50 to 150°C.*

32785. J. Vesely. Improvements in or relating to magazines for firearms.

*Two part interchangeable magazine and holder for automatic firearms.*

33225. Power Jets (Research & Development) Limited. Improvements relating to mountings for power plant. (14th February 1942).

*Provision of substantially axial trunnions etc.*

34081. Power Jets (Research and Development) Ltd. Improvements in or relating to internal combustion turbine power plants. (31st January 1944).

*Turbine and compressor are arranged so that gas flow and air flow are in opposite sense.*

34194. Power Jets (Research & Development) Limited. Improvements relating to combustion apparatus. (20th February 1945).

*Support means for flame tubes of internal combustion turbines comprising at least one pair of support members connected to the tube and casing by flexible means.*

34476. Societe d'Exploitation des Produits des Laboratoires Fournier. Improvements in surgical dressings.

*Surgical dressing element constituted at least partly by glass fibres.*

34502. Ford Motor Company of Canada, Limited. Casting apparatus and method. (13th June 1945).

*Comprising a mould and means for cooling it.*

34671. General Foods Corporation. Improved process for the separation of acid constituent from cashew nut shell liquid or hydrogenated cashew nut shell liquid. (23rd April 1945).

*Treating cashew nut shell liquid with alkaline earth metal compound and decomposing the salt thus obtained.*

34941. Bakelite Corporation. Apparatus and continuous process for pressing thermo plastic sheeting. (23rd November 1945).

*Compressing between opposing pressure members, supplying heat to the sheeting till molding temperature, and abstracting heat from the sheeting till it is cooled to a temperature at which it adheres,*



35057. The Tata Iron & Steel Co., Ltd. Improvements in or relating to steel sheet piling.  
*Z shaped steel sheet piling have bulb and socket connecting edges.*
35082. The Mathieson Alkali Works. Apparatus for steaming textiles.  
*Steamers for textiles having pretreating chamber having rolls and steam introducing means, a steam chamber contiguous to the pretreating chamber.*
35223. WM. Ayrton & Company, Limited, and F. Osborne. Improvements in or relating to skein winding machines. (5th July 1945)  
*Comprising a rotatable winding head and a skein holder having a plurality of skein holding member and having means to move the holding members to successive stations for presenting them for winding.*
35247. The Sharples Corporation. Improvements in or relating to the manufacture of soap. (13th May 1940).  
*Saponifying fat in presence of salt and centrifuging.*
35249. The Firestone Tire & Rubber Company. Improvements in or relating to tires.  
*Treads with a plurality of circumferentially extending ribs with intervening grooves of varying depth.*
35315. Lever Brothers & Unilever Limited. Improvements in the manufacture of soap bars or tablets. (14th August 1945).  
*Chilling molten soap and plodding solidified soap.*
35338. Dr. S. Siddiqui, A. V. Subbaratnam and S. D. Bagchee. Improvements in or relating to the manufacture of concentrated extracts of pyrethrum.  
*Extracting with a solvent consisting of mineral oil, acetone and alcohol.*
35504. Societe Meridionale Du Caoutchouc Semea. Improvements in or relating to artificial leather.  
*Leather coagulum subjected while still humid to cooling below zero degree centigrade.*
35540. Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques de Saint-Gobain, Chauny & Cirey. Improvements in or relating to a method of and apparatus for utilising waste heat in furnaces. (25th January 1946).
35546. Dufay-Chromex Limited. Improved methods and apparatus for the production of structural elements from paper and like sheets.  
*Applying to a sheet of paper lines of adhesive superimposing a number of such sheets.*
35573. Standard Railway Equipment Manufacturing Company. Railway car end wall.  
*Comprising metallic sheet with horizontal corrugations, some having shallower ends than others.*
35574. Standard Railway Equipment Manufacturing Company. Railway car structure.  
*Frame member having angularly disposed arms and metallic sheet having a flange and corrugations extending between said arms.*
35615. Vanity Fair Mills, Inc. Knitting machine.  
*Hook knitting needles mounted to move up and down through the sinkers and sinkers ribs and means causing the needles to travel in a closed path.*
35625. E. A. Travers. Improvements in and relating to refrigerators. (12th September 1945).  
*Comprises of interposing a sleeve between the internal rotor and the external stator of the motor.*
35640. H. S. Heller. Improvements in or relating to recording and/or record reproducing machines.  
*A separable frame magazine for the machine employing magnetic record tape and having motor driven tape drive roll means.*
35692. O. F. A. Biginelli. Method and apparatus for forging metallic tube. (1st October 1945).  
*Forcing one extremity of the tube into a rotating matrix and holding the opposite extremity on the slide of a press.*
35713. Pyrotenax Limited. Improvements in or relating to electric cables. (27th September 1945).  
*Comprising a sheath of material harder than the core which is in turn an alloy of copper and nickel.*
35735. International Bitumen Emulsions Limited. Improvements in the production of bituminous board or similar material.  
*Adding asbestos fibres to an emulsion of bitumens and fatty acid pitch followed by storing and heating.*
35782. A. Kleijn. Moulded bodies, such as tablets for sweetening purposes and a process for making the same.  
*Including para-phenetole-carbamide with a gelatinising substance and a disintegrating agent.*
35935. Brown, Ogden & Company Limited. Improvements relating to the production of pile fabrics. [Divided out of No. 34282].  
*Arranging a continuous fibrous base against backing material with gaps in the fibres projecting from the base.*

35968. O. V. Kohorn. An apparatus and methods for producing staple fibres.

*Producing continuous tow of freshly spun rayon filaments storing said tow washing, cutting and finishing, etc.*

36045. Le Joint Francais. Improvements in bearing seals.

*Comprising an annular flanged sealing member removably mounted on the shaft and means for supporting the member in position.*

36065. Radio Corporation of America. Improvement in color sound record and method of producing same.

*Multiple layer dye emulsion sound record exposing one layer completely and other layers with modulated light.*

36076. Chromium Mining and Smelting Corporation, Limited. Improvements in the production of cast iron.

*Treating cast iron with one or more nitrates.*

36105. The Indian Oxygen & Acetylene Company Limited. Improvements in or relating to means for conducting gaseous streams to a gas cutting nozzle. (19th November 1945).

*A straight bored tubular member having a ported head which is in fluid communication with a sleeve defining an annular space with the tubular member.*

36177. Tubes Limited. Improvements relating to tube connecting fittings. (26th November 1945).

*Having an expansible spigot at one end of the tube to be expanded tightly by a cotter driven laterally through the joint.*

36296. Standard Telephone and Cables Limited. Radio communication systems.

*A receiver to frequency and intelligence modulated waves by synchronising the sweep patterns of carrier waves with the sweep patterns of oscillations produced in the receiver varying in frequency according to the carrier sweep pattern, and detecting the I. F. wave.*

36298. Standard Telephones and Cables Limited. Direction finding systems.

*Direction finding system comprising antenna elements, one vacuum*

*tube amplifier each coupling each element, switch means to control power supply to the amplifiers and N. F. transmission lines at least one such coupled to the two said elements and connected to the receiver.*

36476. R. B. Waite. Improvements in and relating to dispenser closure members for receptacles and to receptacles therefor. (5th June 1946).

*Dispenser closure having dispensing opening and a wall with defects to limit its withdrawal from the container tube.*

36914. Western Electric Company, Incorporated. Detector for electric oscillations. (24th August 1943).

*Detector comprising a metallic contact engaging a thin plate cut from a silicon ingot having purity exceeding 99 per cent., the plate cut being substantially parallel to the surface of the ingot first to cool.*

37177. The Raleigh Cycle Company Limited and W. Brown. Improvements in or relating to lamp glasses. (26th January 1945).

*Area of the glass is divided into plurality of sections in each of which the glass is shaped differently for different refraction of light.*

37472. H. S. Dilnot. Improvements in or relating to bookbinding.

*Each convolution of the coil is cranked at a position remote from the back edge of the leaves.*

37491. E. I. J. Hakim. Improvements in bags for medical purposes and closures therefor.

*Comprises an opening with a circular projecting wall, a closure for such opening with a further screw-threaded opening for the said closure.*

37518. A. F. Sanders. Two-stroke-cycle engines. (4th June 1946).

*The internal edges of circumferentially spaced walls of the inlet parts subtend an angle between 150° and 170° at the piston axis.*

37605. James Howden & Company Limited. Hydraulic dust trap.

*A hydraulic dust trap has a dust inlet, a liquid outlet, a clean liquid chamber, a weir and an inclined liquid plate.*

- 37654.** Standard Telephones and Cables Limited. Improvements in or relating to two-way electric pulse communications systems. (28th May 1946).

*Two-way electric pulse communication system employing same carrier frequency and the pulse repetition frequencies for the two directions differing by a frequency lying above the signal band.*

- 37823.** S. Allechurch and Shefflex Limited. Improvements in or relating to apparatus for collecting and loading refuse. (23rd July 1946).

*Relates to loading and unloading apparatus for refuse collection vehicles.*

- 37830.** R. A. Armitage. Improved process and apparatus for reducing iron ores. (14th November 1946).

*Iron ores directly reduced by solid carbonaceous material in a hearth or combustion chamber fed in with reducing gases.*

- 37864.** H. G. Martin. Improvements in and relating to reservoir writing instruments. (19th April 1945).

*Provided with a plurality of capillary ducts arranged longitudinally about the axis of the reservoir.*

- 37884.** Joshua Bigwood & Son Limited. Improvements in straightening machines for rolled metal sections.

*A pair of pinch rolls acting upon opposite sides of the work after it has left main straightening rolls and used alternatively with the correcting roll.*

- 37984.** Heenan & Froude Limited. Improvements in braking mechanism for oil well draw works hoists and the like.

*Comprises an eddy-current brake and friction brake associated with the hoisting drum.*

- 38019.** James Howden & Company Limited. Improvement in dust collector. (4th November 1946).

*Pressure equalising system is provided to prevent interflow between the cells.*

- 38048.** Dobson & Barlow Limited, and W. Hartley. Improvements in and relating to traverse mechanism for rayon pot-spinning machines. (17th August 1946).

*Traverse bar being raised and lowered by rocking arms which rock*

*on a centre progressively moved in an orbit eccentric to a fixed centre.*

- 38070.** H. R. Ricardo. Improvements in or relating to trunk pistons. (21st August 1946).

*Annular chamber bounded by skirt, crown and an annular flange-like formation, the latter forming a lip.*

- 38109.** H. R. Ricardo. Improvements in or relating to heat exchangers.

*Matrix rotor rotatably mounted in a toroidal casing and a plurality of disc-like partitions dividing the matrix circumferentially and two openings in wall of the casing for the inflow and outflow of fluids.*

- 38110.** H. R. Ricardo. Improvements in or relating to centrifugal governors.

*The spring system is divided into two parts, one of which is damped while the other is not.*

- 38119.** H-P-M Development Corporation. Improvements in and relating to pumps.

*Two plungers of different diameter, having one and same actuating member selectively operable either to reciprocate one or both plungers.*

- 38249.** N. V. Phillips' Gloeilampenfabrieken. Improvements in and relating to electric discharge tubes.

*Electrode system having anode in two parts surrounding at least in part the remaining electrodes, the electrodes being centred by members supported by anode at its ends and the anode being secured to supporting terminals.*

#### Patents Sealed

26669. 28144. 30111. 30350. 30548. 30647. 30723. 30898. 31018. 31291. 31438. 31672. 31834. 32607. 32656. 32779. 32783. 32846. 32858. 32861. 32923. 32925. 32939. 32941. 32949. 32953. 32966. 33001. 33067. 33074. 33087. 33096. 33111. 33184. 33196. 33212. 33223. 33264. 33308. 33345. 33424. 33425. 33477. 33488. 33520. 33599. 33631. 33676. 33703. 33813. 33875. 33878. 33884. 33886. 33989. 34070. 34072. 34239. 34263. 34285. 34317. 34352. 34374. 34434. 34449. 34505. 34520. 34545. 34683. 34790. 34794. 34801. 34902. 34948. 35063. 35079. 35109. 35110. 35158. 35196. 35224. 35274. 35293. 35298. 35364. 35405. 35431. 35643. 35758. 35861. 36025. 36107. 36179. 36180. 36215.

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**Renewal Fees Paid**

The time for payment of renewal fees in respect of the patents shown under this heading and marked with asterisks was extended under the **Indian Patents and Designs (Extension of Time) Act, 1942.**

19809, 20554, 20639, 21152, 22550, 22571, 22724,  
22725, 22729, 22842, \*23142, 23862, 23916, 24008,  
24009, 24037, 24555, 24805, 24850, 24968, 25014,  
25017, 25032, 25033, 25034, 25060, 25064, 25118,  
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32139, 32238, 32372, 32392, 32448, 32451, 32544,  
32545, 32582, 32756, 32757, 32758, 32759, 32730,  
33330, 33393, 34017.

K. RAMA PAI,  
*Controller of Patents and Designs.*